

# METHOD AND APPARATUS FOR DIMMING CONTROL OF ELECTRONIC BALLASTS

## Abstract

An apparatus and method for providing dimming control of an electronic ballast circuit that includes a electronic ballast circuit that is electrically connected to a plurality of input voltage terminals that can receive alternating current and the electronic ballast circuit is electrically connected to the plurality of fluorescent lamp terminals. There is at least one light sensor that is electrically connected to the electronic ballast circuit so that the electrical power applied at the plurality of fluorescent lamp terminals can be proportionally modified in relationship to the ambient light received by the at least one light sensor. Also, there is a plurality of switches that are electrically connected in one-to-one corresponding relationship to a plurality of resistive loads so that the electrical power applied at the plurality of fluorescent lamp terminals can be set at a plurality of predetermined lighting levels.